

Pictures for the METAV press release:

Virtual image: the digital twin

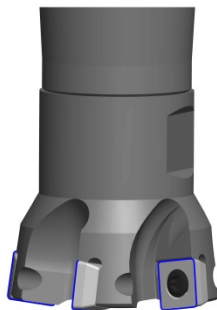
METAV 2018 will be addressing data interchange between tools



((05-01-Claudia Kleinschrodt.jpg))

To quote Claudia Kleinschrodt, a research associate at the Faculty of Design Studies and CAD of Bayreuth University, with a remit involving the problems encountered in CAD data interchange between tool models "The digital twin incorporates all characteristics of the real tool."

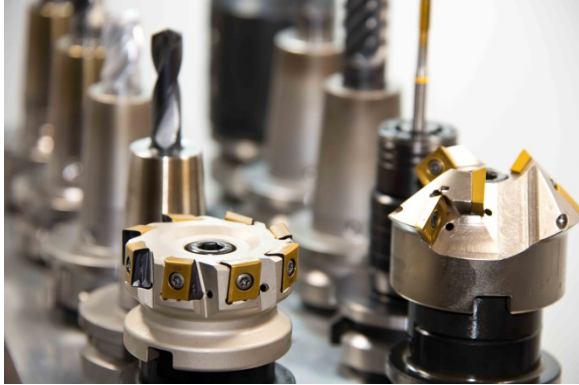
Photo: Bayreuth University



((05-02-Digitaler Zwilling.jpg))

Every tool needs its digital twin in order to be imaged in the virtual world. However, the virtual tool has other requirements to meet besides those for the real object. Sufficient information content of the digital twin is the precondition for properly functioning digital processes."

Photo: Bayreuth University



((05-03-Präzisionswerkzeuge.jpg))

Modern-day high-precision tools are fine-tuned for high performance. There is a suitable tool for each challenge. This leads to a well-nigh bewildering multiplicity of variants, which can meanwhile be managed only with digital aids."

Photo: Pixabay/Blickpixel



((05-04-Thomas Funk.jpg))

To quote Thomas Funk, on the staff of the Technical Office oatEmuge-Werk Richard Glimpel GmbH & Co. KG, Lauf an der Pegnitz: "I expect the trend of recent years to continue, and the importance of digital tool data to rise still further."

Photo: Emuge



((05-05-Markus Kannwischer.jpg))

To quote Markus Kannwischer, Head of Engineering and Member of the Board at Paul Horn GmbH, Tübingen: "Networking individual process steps is possible only if systems are communicating with each other."



((05-06-Jochen Kress.jpg))

To quote Dr. Jochen Kress, a member of the board at Mapal Dr. Kress KG, Aalen: "It no longer suffices to supply the best possible tool. Nowadays, a tool has to come with services like tool management and the corresponding data."

Photo: Mapal

You will find the pictures in a printable version for downloading on the internet under <http://www.metav.de/fotos>